

MECHANICAL SPECIFICATIONS

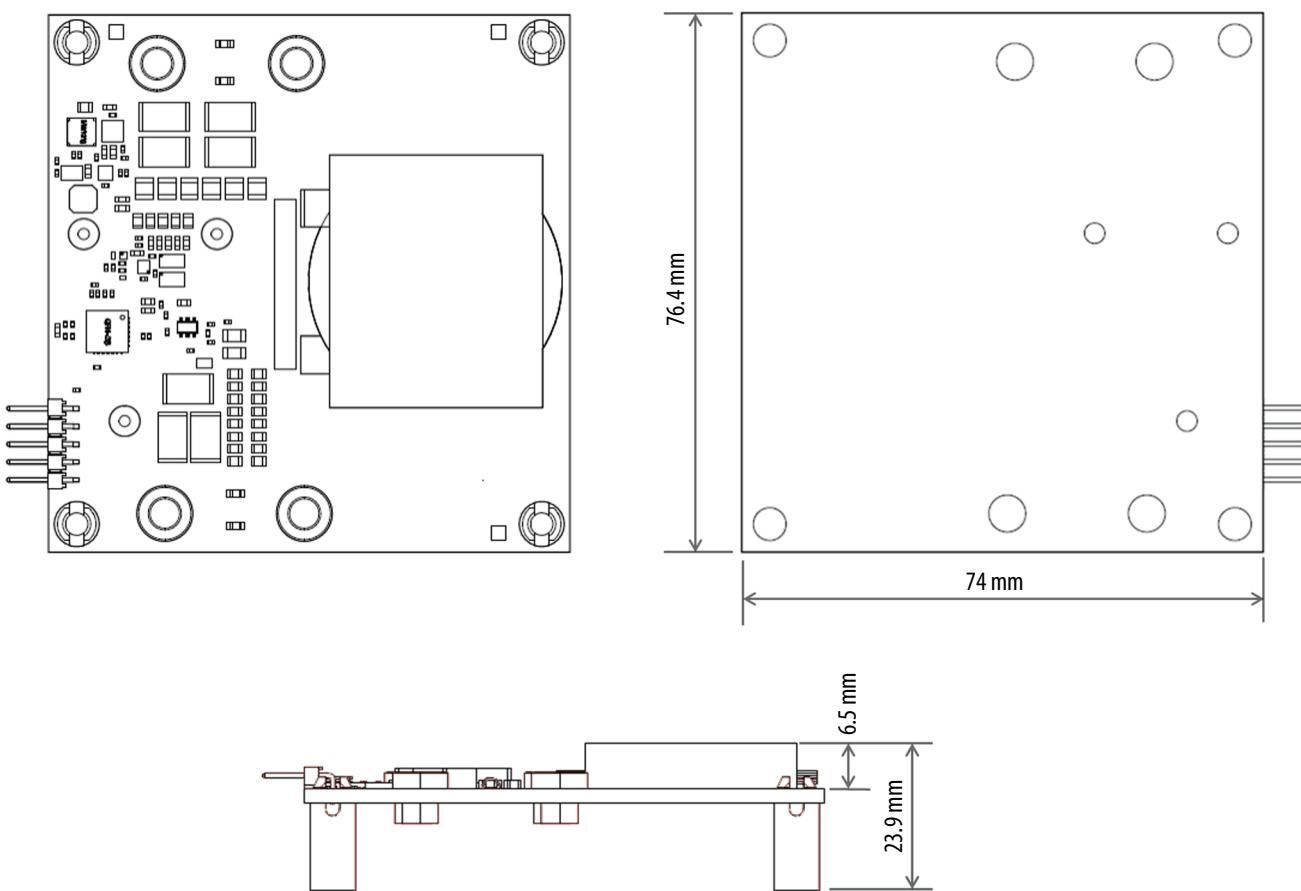


Figure 15: EPC9153 mechanical dimensions

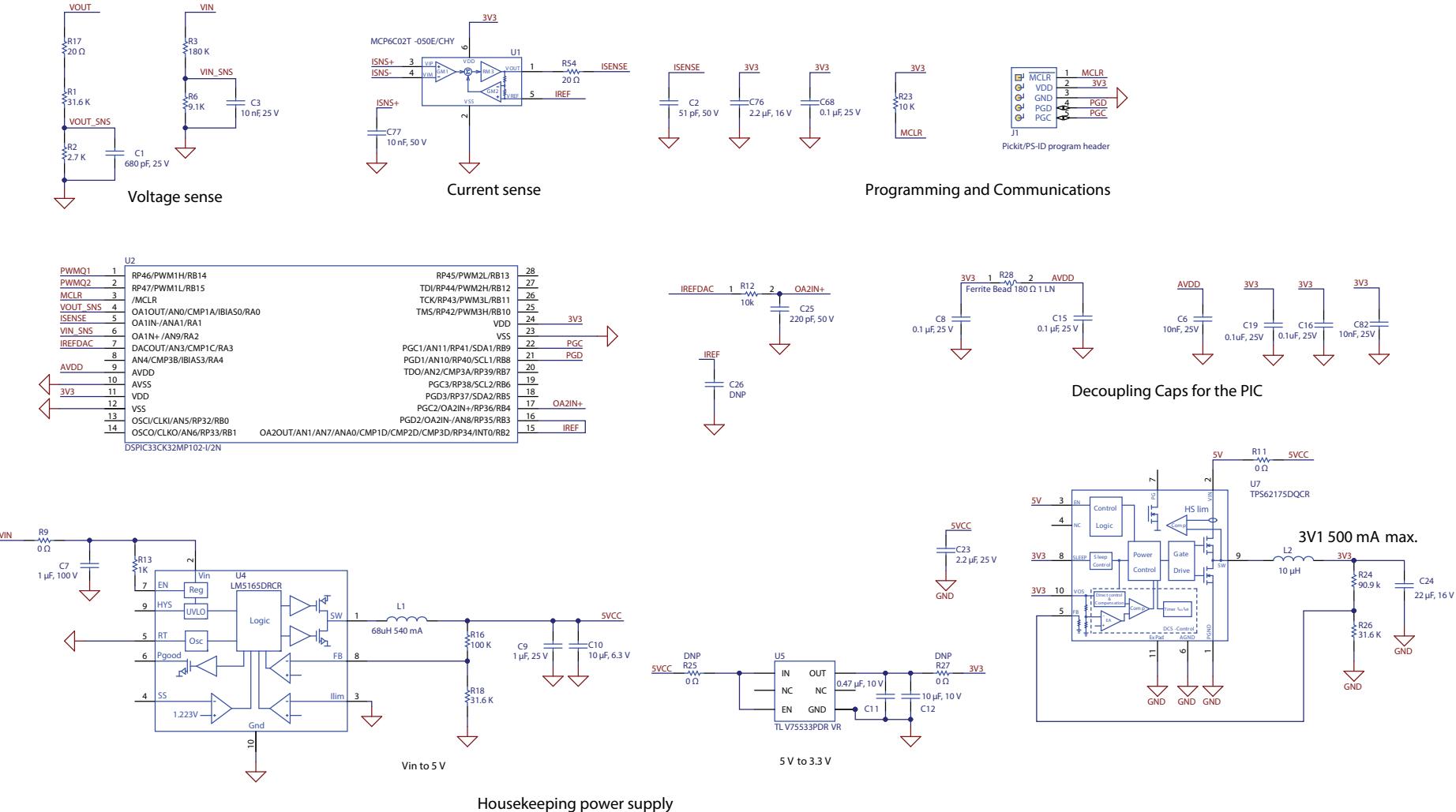
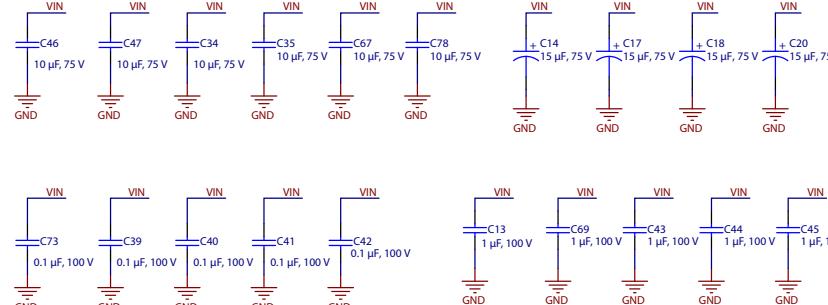
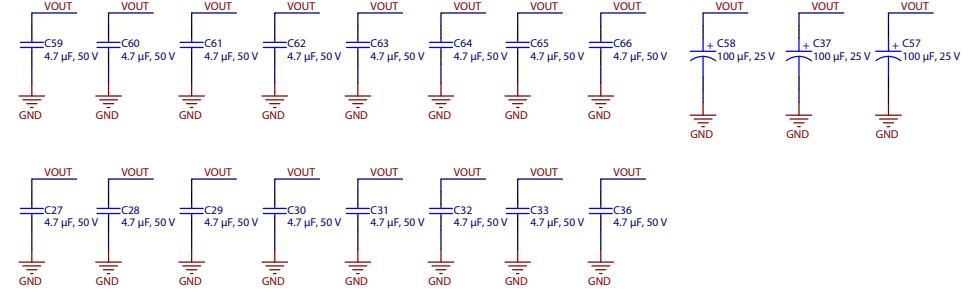


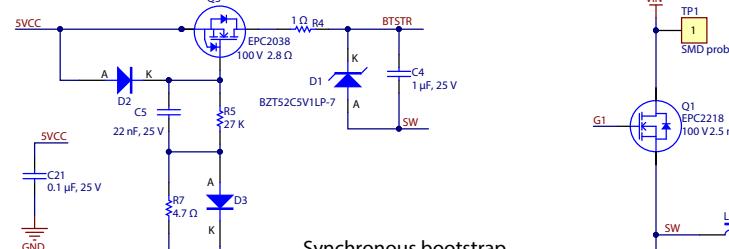
Figure 16: EPC9153 Controller schematic



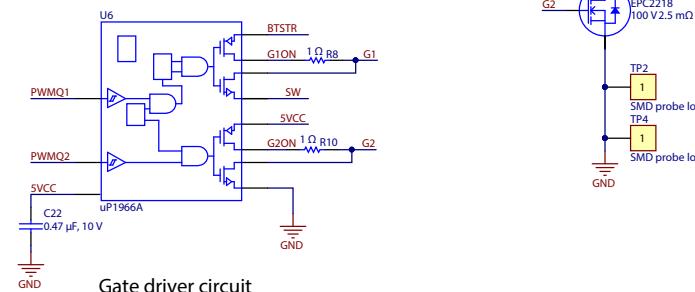
Input capacitors



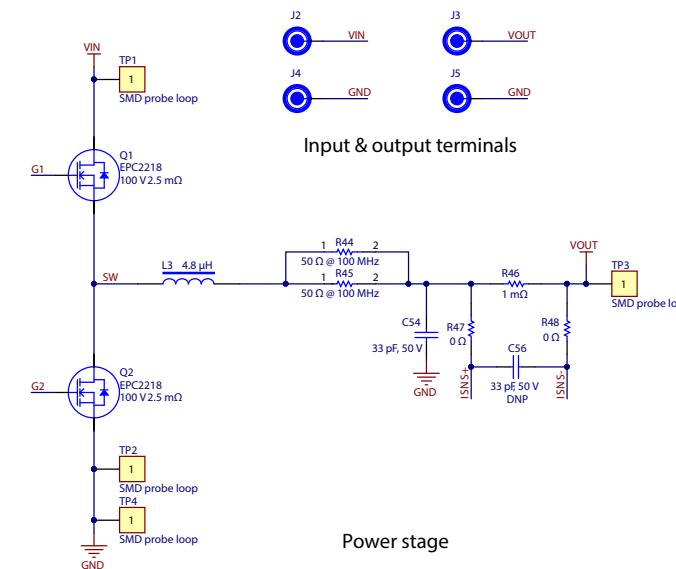
Output capacitors



Synchronous bootstrap



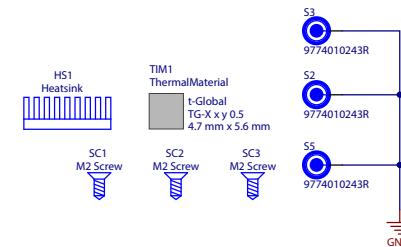
Gate driver circuit



Power stage



Nylon standoffs



Heatspreader kit



Figure 17: EPC9153 Power Stage schematic